CIVIL QUALITY CONSULTANTS & ENGINEERS

(Buildings Geo-Tech & Highway Materials Testing Laboratory)
An ISO 9001: 2015 Certified Company
NABL Accredited As Per ISO/IEC : 17025:2005 Laboratory

JAS-ANZ
ISO 9001:2000 CERTIFIED

Job No.: CQCE/BBMP/CSR/W.No.16/2019-20

06.08.2019

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Assistant Executive Engineer,** Yeshwanthpura Sub Division, BBMP, Bangalore.
Agency : **Sri. T. Chandra Shekar Reddy,** Contractor, Bangalore.
Name of the work : Improvements of Roads and Footpath in Jalahalli Ward No.16, BBMP, Bangalore.
Sample ID : Cement Concrete
Size of cubes : 150mmx150mmx150mm
Cross Sectional Area : 22500 mm^2
Technical Reference : IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete : M_{20}
Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	30.07.2019	06.08.2019	8.136	355.2	15.79
2	30.07.2019	06.08.2019	8.142	369.0	16.40
3	30.07.2019	06.08.2019	8.165	346.2	15.39

Note:
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2. The results indicated above are based on the tests carried out on the samples received in the laboratory.
3. Any Query regarding the report must be reported within 30 days from the date of testing.

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ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

Office & Laboratory : # 133, Bhuvaneshwarinagar, Dodda Basti Main Road, Bangalore - 560 056.
e-mail:civilqualityconsultants@gmail.com Ph: 080-23240644 / Mob: 8553518550

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Job No.: CQCE/BBMP/CSR/W.No.16/2019-20

27.08.2019

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	: **Assistant Executive Engineer,** Yeshwanthpura Sub Division, BBMP, Bangalore.
Agency	: **Sri. T. Chandra Shekar Reddy,** Contractor, Bangalore.
Name of the work	: Improvements of Roads and Footpath in Jalahalli Ward No.16, BBMP, Bangalore.
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{20}
Compressive Strength as on	: 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	30.07.2019	27.08.2019	8.268	511.3	22.72
2	30.07.2019	27.08.2019	8.285	508.2	22.59
3	30.07.2019	27.08.2019	8.239	498.3	22.15

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ಯಶವಂತಪುರ ಉಪ ವಿಭಾಗ
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Job No.: CQCE/BBMP/CSR/W.No.16/2019-20

07.08.2019

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Assistant Executive Engineer,** Yeshwanthpura Sub Division, BBMP, Bangalore.
Agency : **Sri. T. Chandra Shekar Reddy,** Contractor, Bangalore.
Name of the work : Improvements of Roads and Footpath in Jalahalli Ward No.16, BBMP, Bangalore.
Sample ID : Cement Concrete
Size of cubes : 150mmx150mmx150mm
Cross Sectional Area : 22500 mm^2
Technical Reference : IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete : M_{20}
Compressive Strength as on : 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	31.07.2019	07.08.2019	8.135	358.1	15.92
2	31.07.2019	07.08.2019	8.165	364.9	16.22
3	31.07.2019	07.08.2019	8.154	375.2	16.68

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Job No.: CQCE/BBMP/CSR/W.No.16/2019-20

28.08.2019

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	: **Assistant Executive Engineer,** Yeshwanthpura Sub Division, BBMP, Bangalore.
Agency	: **Sri. T. Chandra Shekar Reddy,** Contractor, Bangalore.
Name of the work	: Improvements of Roads and Footpath in Jalahalli Ward No.16, BBMP, Bangalore.
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{20}
Compressive Strength as on	: 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	31.07.2019	28.08.2019	8.236	523.3	23.26
2	31.07.2019	28.08.2019	8.510	514.6	22.87
3	31.07.2019	28.08.2019	8.248	506.8	22.52

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Job No.: CQCE/BBMP/CSR/W.No.16/2019-20

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

07.08.2019

Client	**: Assistant Executive Engineer,** Yeshwanthpura Sub Division, BBMP, Bangalore.
Agency	**: Sri. T. Chandra Shekar Reddy,** Contractor, Bangalore.
Name of the work	: Improvements of Roads and Footpath in Jalahalli Ward No.16, BBMP, Bangalore.
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{20}
Compressive Strength as on	: 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	31.07.2019	07.08.2019	8.125	352.3	15.66
2	31.07.2019	07.08.2019	8.148	364.8	16.21
3	31.07.2019	07.08.2019	8.139	347.9	15.46

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TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

28.08.2019

Client	: **Assistant Executive Engineer,** Yeshwanthpura Sub Division, BBMP, Bangalore.
Agency	: **Sri. T. Chandra Shekar Reddy,** Contractor, Bangalore.
Name of the work	: Improvements of Roads and Footpath in Jalahalli Ward No.16, BBMP, Bangalore.
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M_{20}
Compressive Strength as on	: 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	31.07.2019	28.08.2019	8.236	521.4	23.17
2	31.07.2019	28.08.2019	8.220	508.3	22.59
3	31.07.2019	28.08.2019	8.294	501.9	22.31

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